

Tallgrass Prairie DEM

Identification_Information:

Citation:

Citation_Information:

Originator: NPS Midwest Field Area
Publication_Date: 19991101
Title: Tallgrass Prairie DEM (TAPRELEG)
Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: Madison WI
Publisher: NPS Midwest Field Area
Online_Linkage:

ftp://ftp.ncsu.edu/pub/unity/lockers/ftp/npsftp/pub/data/tapr/tapreleg.e00

Description:

Abstract:

Digital elevation model for Tallgrass Prairie National Monument. Data layer was converted to Arc/Info grid format from the USGS 7.5-minute DEM for Strong City, Kansas in SDTS format. The source grid is a 30-meter posted lattice.

Purpose:

The intended use of all data in a park's GIS library is to support diverse park activities including planning, management, maintenance, research, and interpretation.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19860101
Ending_Date: 19980101

Currentness_Reference: Publication Date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -96.6290894
East_Bounding_Coordinate: -96.4956894
North_Bounding_Coordinate: 38.4998779
South_Bounding_Coordinate: 38.3750801

Data_Set_G-Polygon:

Data_Set_G-Polygon_Outer_G-Ring:

G-Ring: -96.634,38.3707,-96.6296,38.5068,-96.4886,38.5039,-
96.4933,38.3678,-96.634,38.3707

Keywords:

Theme:

Theme_Keyword_Thesaurus: None
Theme_Keyword: elevations
Theme_Keyword: DEM

Place:

Place_Keyword_Thesaurus: None
Place_Keyword: Tallgrass Prairie National Preserve
Place_Keyword: Kansas
Place_Keyword: Flint Hills
Place_Keyword: Chase County

Access_Constraints: None

Use_Constraints: Not for use at scales greater than 1:24000.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: NPS Midwest Field Area

Contact_Person: Peter Budde

Contact_Position: GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: B102 Steenbock 550 Babcock Dr.

City: Madison

State_or_Province: Wisconsin

Postal_Code: 53706

Country: USA

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Contact_Facsimile_Telephone: (608)-262-2500

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Hours_of_Service: M-F 0730 - 1630 (Central)

Browse_Graphic:

Browse_Graphic_File_Name:

http://www.nps.gov/gis/gif_images/tapr/tapreleg.jpg

Browse_Graphic_File_Description: Simple image of the data set and/or its extent.

Browse_Graphic_File_Type: jpeg

Native_Data_Set_Environment:

Arc/Info vers. 7.+

Pathname = /parks/plains2/tapr/complete/tapreleg

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: See USGS DEM documentation

Logical_Consistency_Report: See USGS DEM documentation

Completeness_Report: Data set is complete

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

Approximate horizontal accuracy is 12 meters, assuming source data meets National Map Accuracy Standards.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

The data source is a Level 2 DEM (+/- 7.5 meters) created from USGS digital line graph (DLG) contours.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator:

National Mapping Division

U.S. Geological Survey

Publication_Date: 19980101

Title: 7.5 minute Digital Elevation Model-Stong City, Kansas

Geospatial_Data_Presentation_Form: other

Publication_Information:

Publication_Place: Reston, VA

Publisher: U.S. Geological Survey

Other_Citation_Details: Level 2 DEM in SDTS format

Source_Scale_Denominator: 24000

Type_of_Source_Media: digital file in SDTS format

Source_Time_Period_of_Content:

Time_Period_Information:
 Range_of_Dates/Times:
 Beginning_Date: 19860101
 Ending_Date: 19980101
 Source_Currentness_Reference: Publication Date
 Source_Citation_Abbreviation: DEM7
 Source_Contribution: Original source documents
 Process_Step:
 Process_Description:
 Copied the SDTS format file from CDROM and
 converted it to an IMG file in ERDAS Imagine.
 Source_Used_Citation_Abbreviation: DEM7
 Process_Date: 19980423
 Process_Step:
 Process_Description:
 Converted the DEM in ERDAS Imagine IMG format
 to an Arc/Info grid with the IMAGEGRID command.
 Process_Date: 19980427
 Process_Step:
 Process_Description:
 Changed grid cells with a value of 32767
 to NODATA in the Arc/Info GRID module.
 Process_Date: 19980427
 Process_Step:
 Process_Description:
 Defined the grid projection as UTM Zone 14 / Nad27. The
 Administrative Boundaries theme (TAPRADMP) was the source
 of the projection parameter information.
 Process_Date: 19991103
 Process_Step:
 Process_Description: I&M Process: ArcInfo export file (.e00) brought
 into ArcInfo . Coverage projected to UTM zone of interest and NAD83.
 Process_Date: 20000321

Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Raster
 Raster_Object_Information:
 Raster_Object_Type: Grid Cell
 Row_Count: 472
 Column_Count: 376

Spatial_Reference_Information:
 Horizontal_Coordinate_System_Definition:
 Planar:
 Grid_Coordinate_System:
 Grid_Coordinate_System_Name: Universal Transverse Mercator
 Universal_Transverse_Mercator:
 UTM_Zone_Number: 14
 Transverse_Mercator:
 Scale_Factor_at_Central_Meridian: 0.9996
 Longitude_of_Central_Meridian: -99
 Latitude_of_Projection-Origin: 0.0
 False_Easting: 500000.
 False_Northing: 0.0
 Planar_Coordinate_Information:
 Planar_Coordinate_Encoding_Method: row and column

Coordinate_Representation:
 Abscissa_Resolution: 29
 Ordinate_Resolution: 29
 Planar_Distance_Units: meters
 Geodetic_Model:
 Horizontal_Datum_Name:North American Datum of 1983
 Ellipsoid_Name:GRS 80
 Semi-Major_Axis:6378137
 Denominator_of_Flattening_Ratio:298.257

Entity_and_Attribute_Information:
 Detailed_Description:
 Entity_Type:
 Entity_Type_Label: TAPRELEG.VAT
 Entity_Type_Definition: Grid Cell Value Attribute Table
 Entity_Type_Definition_Source: None
 Attribute:
 Attribute_Label: VALUE
 Attribute_Definition: elevation values in meters
 Attribute_Definition_Source: None
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 1142
 Range_Domain_Maximum: 1516
 Attribute_Units_of_Measure: meters
 Beginning_Date_of_Attribute_Values: 19991101

Distribution_Information:
 Distributor:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: NPS Midwest Field Area
 Contact_Person: Peter Budde
 Contact_Position: GIS Coordinator
 Contact_Address:
 Address_Type: mailing and physical address
 Address: B102 Steenbock 550 Babcock Dr.
 City: Madison
 State_or_Province: Wisconsin
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 Country: USA
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 It is the responsibility of the data user to use the data appropriately and

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particular. The related graphics are intended to aid the data user in acquiring

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Standard_Order_Process:

Non-digital_Form:

Contact the MWFA GIS coordinator to see if the data is available as hardcopy maps.

Fees:

Organizations/individuals may need to provide suitable media to reproduce the data.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: Arc/Info Export

Format_Version_Number: 7.2

Format_Version_Date: 19980915

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

ftp://ftp.ncsu.edu/pub/unity/lockers/ftp/npsftp/pub/data/tapr/tapreleg.e00

Digital_Transfer_Option:

Offline_Option:

Offline_Media: special request only

Recording_Format: tar

Fees:

Organizations/individuals may need to provide suitable media to reproduce the data.

Metadata_Reference_Information:

Metadata_Date: 20000106

Metadata_Review_Date: 20000111

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: NPS Midwest Field Area

Contact_Person: Reese Hirth

Contact_Address:

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City: Madison

State_or_Province: Wisconsin
Postal_Code: 53706
Country: USA
Contact_Voice_Telephone: (608)-265-3515
Contact_Facsimile_Telephone: (608)-262-2500
Contact_Electronic_Mail_Address: peter_budde@nps.gov
Hours_of_Service: M-F 0730 - 1630 (Central)
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998